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‖ = [illegible]

1. [illegible]

1.1 [illegible]

[illegible] RK 40.. [illegible]

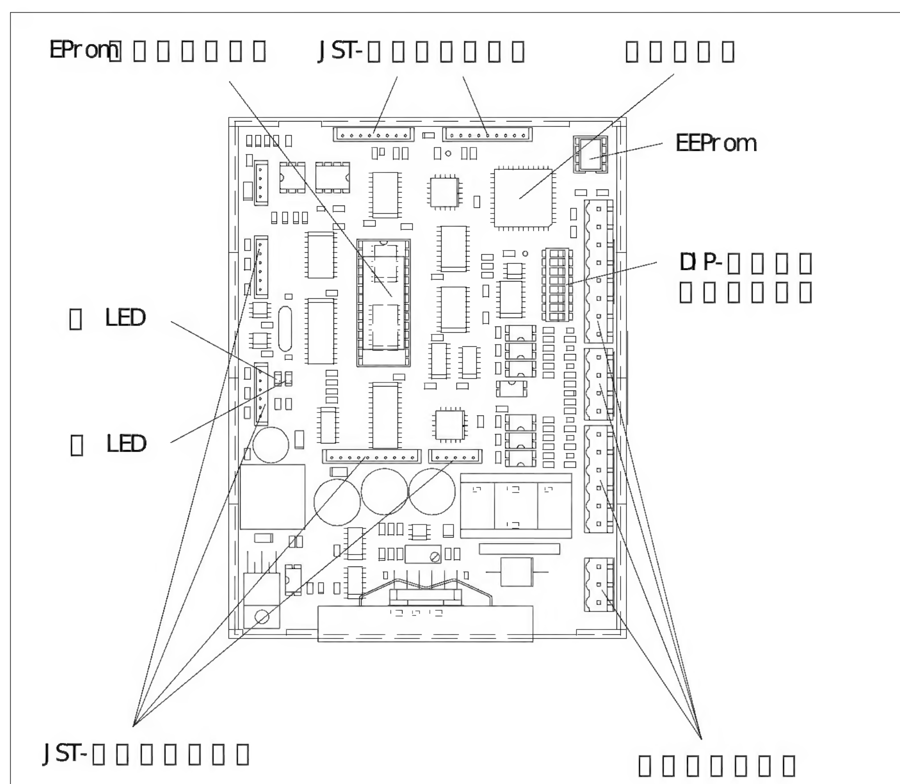
[illegible]

[illegible]

1.2 [illegible]

[illegible]

- [illegible]
- EProm [illegible] EEProm [illegible]
- [illegible] dip [illegible]
- [illegible] JST [illegible] - [illegible]
- [illegible]
- [illegible]
- [illegible]



1.3

RK 4...

[illegible]:
[illegible]

[illegible]:
[illegible]

1.4 [illegible] RK 4003-0001U_ZH[illegible]

[illegible]P[illegible]

[illegible] PID [illegible]

[illegible]PID [illegible]

[illegible]

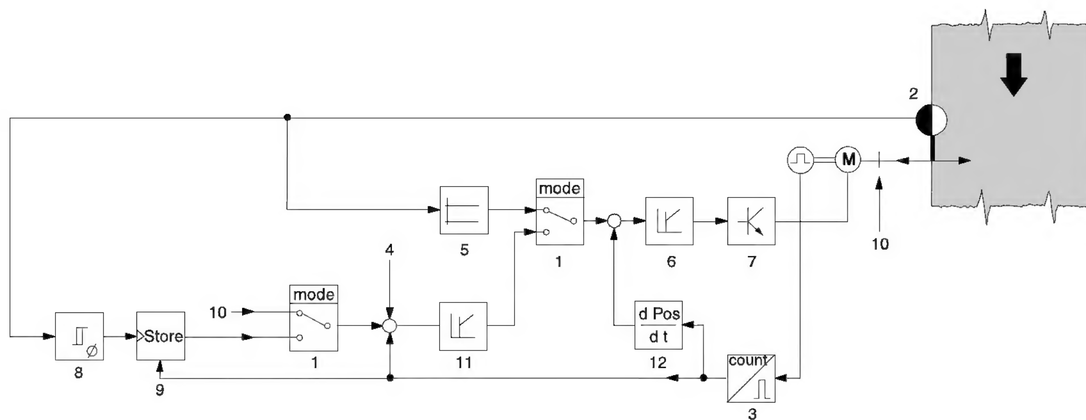
DRS[illegible]VWS[illegible]SRS[illegible]WSS[illegible]SVS[illegible]VSS[illegible]

[illegible]

1 [illegible]
2 [illegible]
3 [illegible] max.
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14 [illegible]
15 [illegible]
16 [illegible]
17 [illegible]
18 [illegible] max.
19 [illegible]
20 [illegible]
21 [illegible]
22 [illegible]([illegible], [illegible],[illegible])
23 [illegible]
24 [illegible]
25 [illegible]
26 [illegible]
27 [illegible]

1.5 [illegible] RK 4003-0006U_ZB[illegible]

[illegible] PID [illegible] PID [illegible] VSS [illegible]

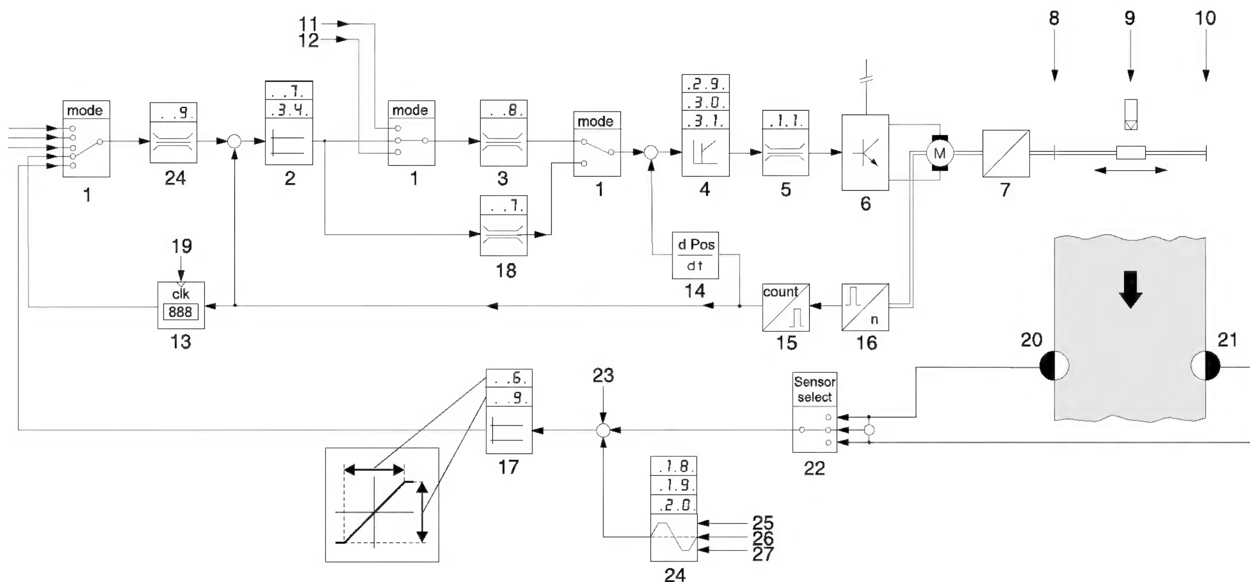


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12 [illegible]

1.6 [illegible] RK 4003-0004U_ZB [illegible]

[illegible] PID [illegible] PID [illegible] SWS [illegible] VGA [illegible] BCS [illegible]

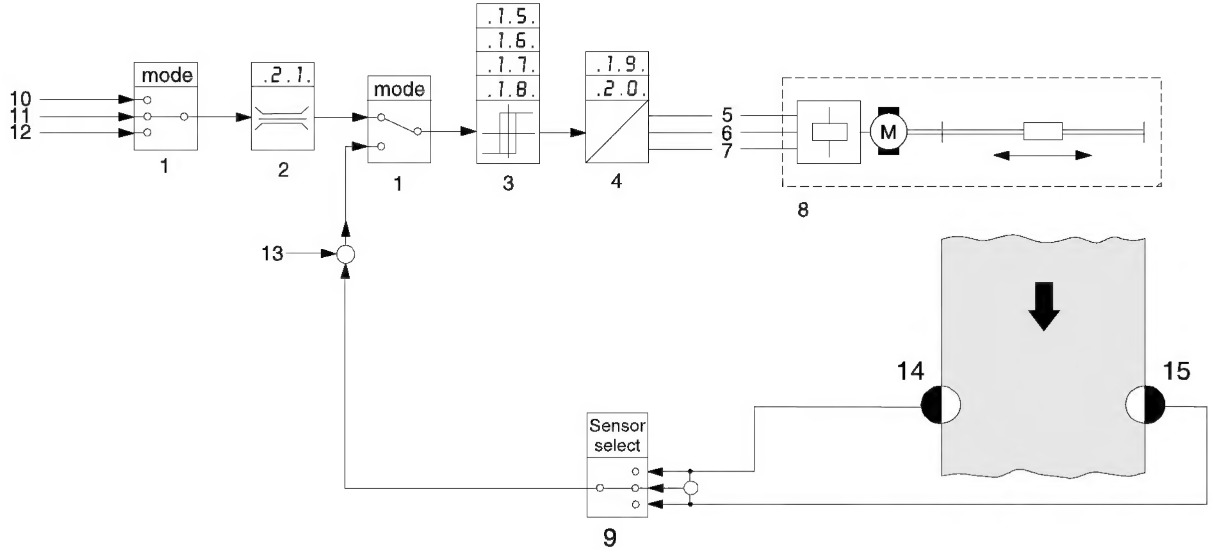


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3 [illegible] max.
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15 [illegible]
16 [illegible]
17 [illegible]
18 [illegible] max.
19 [illegible]
20 [illegible]
21 [illegible]
22 [illegible] ([illegible], [illegible], [illegible]
23 [illegible]
24 [illegible]
25 [illegible]
26 [illegible]
27 [illegible]

1.7 □□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□ □□ RK□4003-0005U_ZC□ □□□□

□□□ WSS □□□□□□□□□□VWS□□□□□□□□



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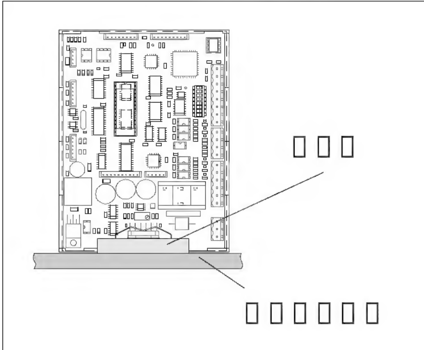
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(PK ...., AK ...., LK ...., □.)

□ □ □	RK 4003	PK 4002	AK 4002	AK 4012	LK 4002	LK 4010	RT 4011	RT 4019	RT 4070	ZC 4061
DC 0110	X		X							
DC 0111	X		X		X					
DC 0112	X		X				X			
DC 0113	X		X		X		X			
DC 0140	X									
DC 0141	X				X					
DC 0142	X						X			
DC 0143	X				X		X			
DC 0144	X					X	X			
DC 0145	X					X				
DC 0150	X			X						
DC 0151	X			X	X					
DC 0160	X		X							
DC 0162	X		X				X			
DC 0163	X		X		X		X			
DC 0210	X	X	X		X					
DC 0211	X	X	X				X			
DC 0212	X	X	X				X			
DC 0213	X	X	X		X		X			
DC 0214	X	X	X			X	X			
DC 0240	X	X								
DC 0241	X	X			X					
DC 0242	X	X					X			
DC 0243	X	X			X		X			
DC 0244	X	X				X	X			
DC 0245	X	X				X				
DC 0250	X	X		X						
DC 0263	X	X	X		X		X			
DC 1010	X		X					X		
DC 1040	X							X		
DC 1044	X					X		X		
DC 1050	X			X				X		
DC 1110	X		X					X		
DC 1111	X		X		X			X		
DC 1140	X							X		
DC 1141	X				X			X		
DC 1144	X					X		X		
DC 1147	X							X		X
DC 1150	X			X				X		
DC 1151	X			X	X			X		
DC 1161	X		X		X			X		
DC 1210	X	X	X					X		
DC 1240	X	X						X		
DC 1241	X	X			X			X		
DC 1247	X	X								X
DC 1250	X	X		X				X		
DC 2110	X		X						X	
DC 2111	X		X		X				X	
DC 2140	X								X	
DC 2141	X				X				X	
DC 2210	X	X	X						X	
DC 2211	X	X	X		X				X	
DC 2240	X	X							X	
DC 2241	X	X			X				X	

3.

RK40.. E+L



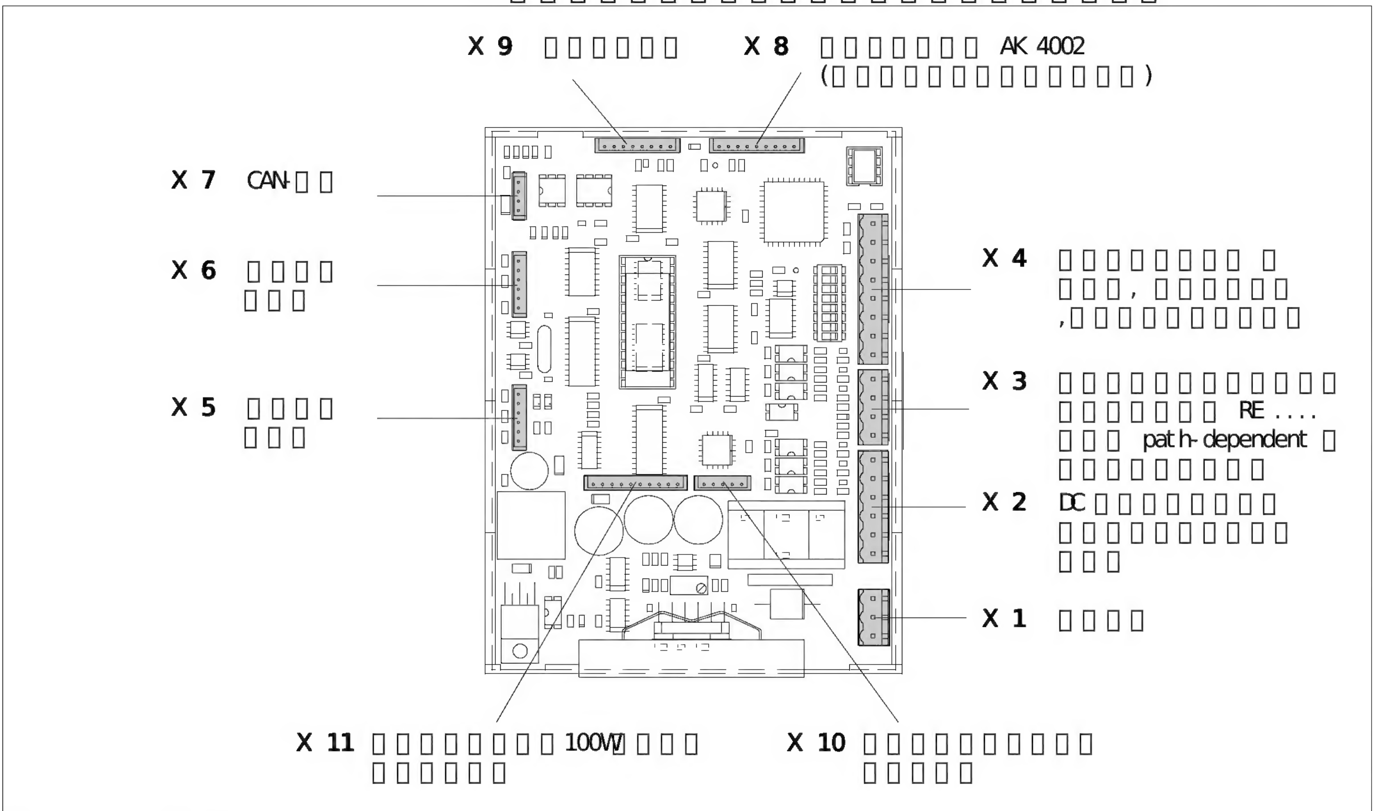
DC 10m 20

4.

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→

DC 3m 3 10



Pin assignment RK 40..

4.1 [illegible]

X1 [illegible] X4 [illegible]

[illegible]	No.	[illegible]
X 1	1	+24V DC [illegible]
	2	0V
	3	[illegible]
X[illegible]2	1	DC [illegible]
	2	DC [illegible]
	3	[illegible] A[illegible]
	4	[illegible] B[illegible]
	5	+24V DC
	6	0V
X 3	1	+24V DC
	2	[illegible] [illegible] path-dependent [illegible]
	3	0V
	4	[illegible]
X 4	1	[illegible] [illegible] [illegible] ([illegible])
	2	0V [illegible]
	3	+24V DC [illegible]
	4	[illegible]
	5	0V [illegible]
	6	+24V DC
	7	[illegible]
	8	0V

[illegible]

[illegible]

5. [illegible]

[illegible] CAN [illegible] 2 [illegible] DIP [illegible] DIP [illegible]

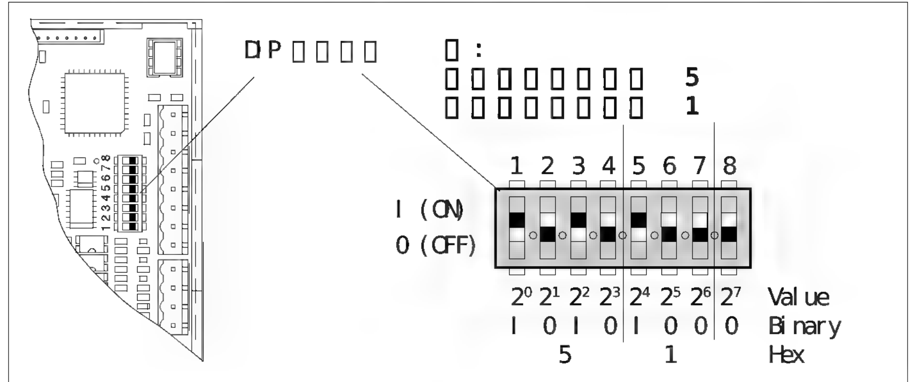
DIP □□□□□□□□□□□□□□□□□□:

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6 = □□□□□□□□□□□□□□□□□□□□□□□□□□□
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8 = □□□□□□□□6□□□□□□□□□□□□□□□□□
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10= □□□□□□□□6□□□□□□□□□□□□□□□□ □
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6.1 [illegible]
RK 4003-0001U_ZH
RK 4003-0006U_ZB

No.	[illegible]	[illegible]	Min.	Max.	[illegible]	[illegible]
..0.	[illegible]	XX	01	0F	hex	[illegible] [illegible]
..1.	[illegible]	XX	00	07	hex	[illegible] [illegible]
..2.	[illegible]	0	0	2	-	[illegible] 1 = [illegible] 2 = [illegible]
..3.	[illegible]	0	199	R/W	-	[illegible] 1 = [illegible] 2 = [illegible] 10 = AG [illegible] ([illegible] x.5) 11 = [illegible] ([illegible] x.6, x.7, x.8, x.9, x.10, x.11) 12 = AG [illegible] ([illegible] x.5) 42 = [illegible] 44 = [illegible] [illegible] 99 = [illegible] ! [illegible] !
..4.	[illegible]	1.5	1.5	1.5	-	[illegible]
..5.	[illegible]	0.0	-3250.0	3250.0	mm	[illegible] [illegible] ([illegible])
..6.	[illegible] +/-	2.0	-3250.0	3250.0	mm	[illegible] [illegible] mm [illegible] DC [illegible] [illegible] [illegible] [illegible]
..7.	[illegible]	20	1	120	mm/s	[illegible]
..8.	[illegible]	5	1	120	mm/s	[illegible]
..9.	[illegible] +/-	0	0	32500	mm	[illegible]
.1.0.	[illegible]	0.1	0.1	10	mm	[illegible] [illegible] ..5.
.1.1.	[illegible]	0.4	0.0	6.4	A	[illegible]
.1.2.	[illegible]	0	0	1	-	[illegible] 0 = [illegible] 1 = [illegible]
.1.3.	[illegible] +/-	12	1	32500	mm	[illegible]
.1.4.	[illegible]	0	0	1	-	[illegible] RE 1721 [illegible] 0 = [illegible] 1 = [illegible]
.1.5.	[illegible] [illegible]	0	0	5	-	[illegible] 0 = [illegible] 1 = [illegible] 2 = [illegible] 3 = [illegible] 4 = [illegible] 5 = [illegible]
.1.6.	[illegible]	0.0	-3250.0	3250.0	mm	[illegible] [illegible]
.1.7.	[illegible] 1	0	0	0	-	[illegible]

No.			Min.	Max.		
.1.8.		0	0	500	mm	
.1.9.		20	2	700	s	time-dependent = / path-dependent = /
.2.0.		50	10	90	-	90 = 10 =
.2.1.	0	0.0	0.0	7.F	hex	0
.2.2.	1	0.0	0.0	7.F	hex	1
.2.3.	2	0.0	0.0	7.F	hex	2
.2.4.	3	0.0	0.0	7.F	hex	3
.2.5.	4	0.0	0.0	7.F	hex	4
.2.6.	5	0.0	0.0	7.F	hex	5
.2.7.	6	0.0	0.0	7.F	hex	6
.2.8.	7	0.0	0.0	7.F	hex	7
.2.9.	_P	11	0	50	-	P- DR 127./227. = 8 20 W / VS 35.6 = 11 50 W/100 W motor = 22
.3.0.	_I	6	0	50	-	I- DR 127./227. = 4 20 W / VS 35.6 = 6 50 W/100 W motor = 12
.3.1.	_D	12	0	50	-	D- DR 127./227. = 2 20 W / VS 35.6 = 12 50 W/100 W motor = 24
.3.2.	/t/ /	2	0	7	-	**Time-dependent** 0 = DO 0100/ 0101 DO 0020/0021 ON/OFF 1 = DR DO 1000/1001 DO 0100/ 0101 DO 0020/0021 ON/OFF 2 = OFF 3 = ON **Path-dependent** 4 = DO 0100/ 0101 DO 0020/0021 ON/OFF 5 = DR DO 1000/1001 DO 0100/ 0101 DO 0020/0021 ON/OFF 6 = OFF 7 = ON

No.	□□	□□□□□	Min.	Max.	□□	□□
.3.3.	□□□□ 2	0	0	0	-	□□□□
.3.4.	□□□□ 3	0	0	0	-	□□□□
.3.5.	□□□□ 4	0	0	0	-	□□□□
.3.6.	□□□□ 5	0	0	0	-	□□□□
.3.7.	□□□□ 6	0	0	0	-	□□□□
.3.8.	□□□□	25.0	10.0	3200.0	Imp/mm	□□□□: □□□□□□□□□□□□□□□: □ =(32* i) / S. i =□□□ (□ i=8:1) S =□□□□□

6.2 □□□□□□□□□ RK 4003-0001U_ZH RK 4003-0006U_ZB

..0. / ..1.

+D11-B1
+D11-M1
+D11
DR 2462
EK4002
M
+A1
100-240V AC
+A4 RT4001
GRP=0 DEV=F
A5
+A5
EK4011
CAN-BUS
+A2 RK 4002
DEV:5 | GRP:0
ON
1 2 3 4 5 6 7 8
DEV =□□□□□□□□
GRP =□□□□□□□□

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12=

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13=

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44= **[illegible]**
[illegible] E+L [illegible]
[illegible] E +L [illegible]

99= **[illegible]**
[illegible]
[illegible]

[illegible]!

..4.

[illegible] (..4. [illegible])

[illegible]

[illegible]	[illegible]
1.0	A
1.1	B
1.2	C
1.3	D
1.4	E
1.5	F
etc.	

..5.

[illegible]

[illegible]

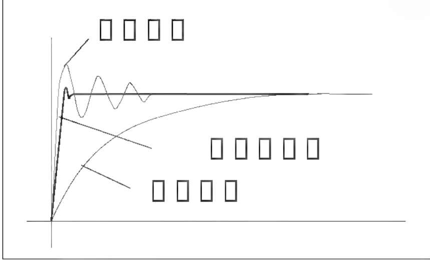
[illegible] (..5. [illegible])

[illegible] .1.0 [illegible]

[illegible]

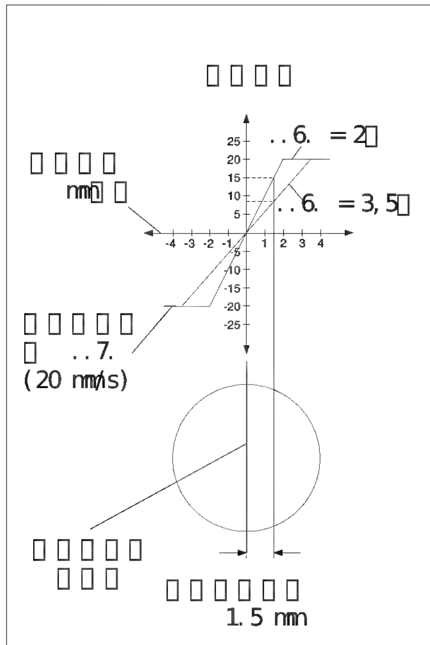
..6.

□□□□ (..6. prop range +/-)



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□□□□□□2 mm□□□□□□□□□□□□□□□□□15 mm/s□□□□
□□3.5 mm□□□□□□□8.0 mm/s□□□□□□

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□□□□□ □ □□□□□ ..7.□□□□□□..6.

□□□□□□□ VK□ □□□□□□ □ □□□□□

□ 1:	□ 2:
G = 20/2 = 10 $^1/_s$	G = 20/3.5 = 5,71 $^1/_s$
VK = 1.5 mm * 10 $^1/_s$	VK = 1.5 mm * 5.71 $^1/_s$
VK = 15 mm/s	**VK = 8.6 mm/s**

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..7.

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□□□□□□□□□□□□□□□□parameter ..6.□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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□□□□□3 mm□□□□□□□□□□□□□□15 mm/s□□□20 mm/s□□□□□□□□□□□□□□□□□□□□□□□□□15 mm/s□□□□□□□ 1.5 mm□□□□□□□7.5 mm/s□□□□□□□ 20 mm/s□□□□□□□□□10 mm/s□□□□□□

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□□□□□ □ □□□□□..7.□□□□□□ ..6.

□□□□□□□ VK□ □□□□□□ □ □□□□□

□ 1:

$G = 15/3 = 5.0\ ^1/_s$

$VK = 1.5\ mm * 5.0\ ^1/_s$

VK = 7.5 mm/s

□ 2:

$G = 20/3 = 6.71\ ^1/_s$

$VK = 1.5\ mm * 6.71\ ^1/_s$

VK = 10.1 mm/s

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□DC□□□□□□□□□□□□□□□□□□□□□□□□□

..8.

□□□□□□□□□□□□ (..8. speed manual)

□□1 mm/s□□□□□□□□□□

..9.

□□□□□ (..9. pos. range +/-)

□□□□□□DC□□2 mm□□□□□□□□□□□□□□□□□□.1.3.□□□ DC□□□

15 15 mm 30 mm

.1.0.

(.1.0. step width)

1/10 mm

.1.1.

(.1.1. motor current)

DC

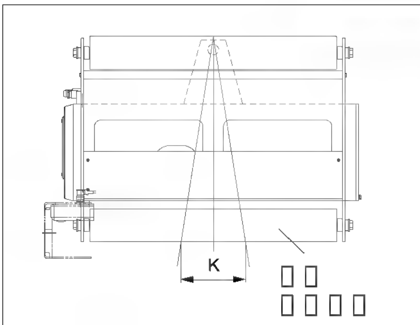
DC

.1.2.

(.1.2. motor direction)

DC

.1.3.

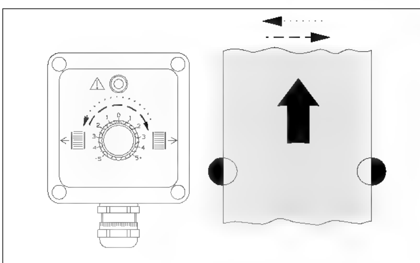


(.1.3. motion range +/-)

K 2

DC

.1.4.



(.1.4. inv ext target)

RE 1721

.1.5.

□□□□□ (.1.5. control mode)

□□□□□□□□□□□□□□□□□□:

0 = "□□□□□□" (□□□□□□□□)
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①,②,③,④,⑥ and⑦

1 = "□□□□□□" (□□□□□□□□□□□□□□□□□□□□□□□□□)
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⑤ and ⑧

2 = "□□□□□□□□□□□□"
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①, ② and ③

3 = "□□□□□□□□□□□"
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⑤ and ⑧

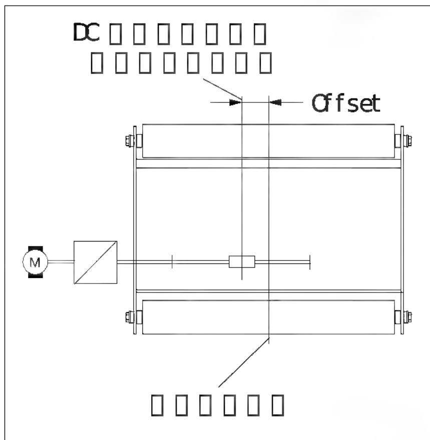
4 = "□□□□□□□□□□□□□□□"
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□□□□□□□□□□□□□□□□□□□□□:
①, ②, ③, ④, ⑥ and ⑦

5 = "□□□□□□□□□□□□□□□□"
□□□

2 :

⑤, ⑦ and ⑧

.1.6.



(.1.6. zero offset)

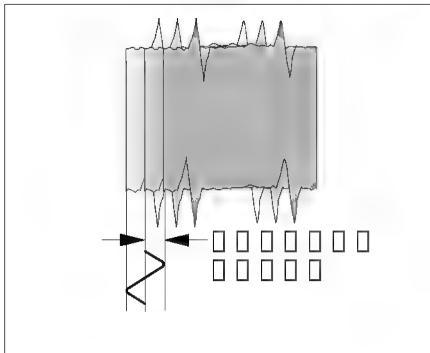
DC

DC

.1.7.

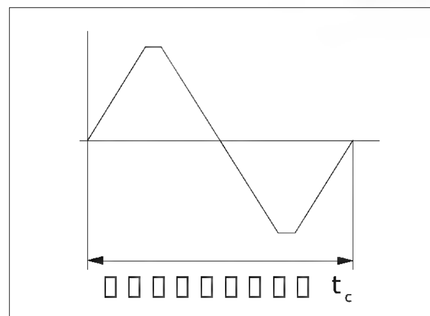
(.1.7. reserved 1)

.1.8.



(.1.8. osz. amplitude)

.1.9. [illegible] (.1.9. osz. cyc. time)



Time-dependent:

[illegible]
t_c [illegible]

Path-dependent:

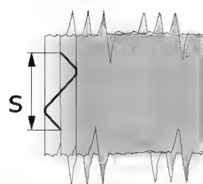
n- [illegible]

[illegible] s

[illegible] 1 [illegible] 20 [illegible]

[illegible]:

1. [illegible]



s = [illegible]

2. [illegible]

$$f_{c\ max} = \frac{V_{max}}{s \times 60}$$

$f_{c\ max}$ = [illegible] (1/s)
V_{max} = [illegible] (m/min)
s = [illegible] (m)

3. [illegible]

[illegible] $f_{e\ max}$ 20Hz [illegible]

$$n = \frac{f_{e\ max}}{f_{c\ max}}$$

$f_{e\ max}$ = [illegible] 20Hz
$f_{c\ max}$ = [illegible] (Hz)
n = [illegible]

[illegible]

[illegible]:

$$f_{a\ max} = \frac{n}{s}$$

$f_{a\ max}$ = [illegible] (Hz)
s = [illegible] (m)
n = [illegible]

[illegible] $f_{a\ max}$ [illegible]

.2.0. **(.2.0. osz. mode)**



10 90

10= **Square** (

90= **Triangular** (

.2.1. . . .2.8.

1 8

(.2.1. 0 - .2.8. 7)

RK 40.. 8 CAN

21

21

22

:

:	A	9	F	C
:	0	0	3	7
	0.A	0.9	3.F	7.C

.2.9. .3.0. .3.1.

P- (.2.9. speed_P); **I-** (.3.0. speed_I); **D-** (.3.1. speed_D)

P, I D

-

□□□□	□□□□□□□:		
	.2.9. P	.3.0. I	.3.1. D
AG 257. (50 W) AG 259. (50 W) AG□267. (100 W) AG 269. (100 W) AG 457. (50 W) AG 459. (50 W) AG 467. (100W) AG 469. (100 W) DR 246. (50 W) VG 18.. VS 50.. VS 60..	22	12	24
DR 127. DR 227. DR 2292	8	4	2
AG 249. (20 W) AG 408. DR 21.. DR 22.. DR 246. (20 W) VG 14.. (20 W) VS 35.6	11	6	12
DR 2261with FR1051	15	10	24
AG 2593 DR 246.with AG2593	11	3	3
DR 247.	30	3	1

.3.2. **□□□□□□□□□□□** (.3.2. chang ni x/t/off/on)

□□ □□.1.9.□□□□

> □□□□□□□□□□□off□□

□□□□□□□□□□□□□□□□□□□□:

[illegible]:		[illegible]:
Time-dependent	Path-dependent	
0	4	[illegible] off [illegible]
1	5	[illegible] on [illegible] off [illegible]
2	6	[illegible] off [illegible]
3	7	[illegible]

.3.3. ..... .3.7.

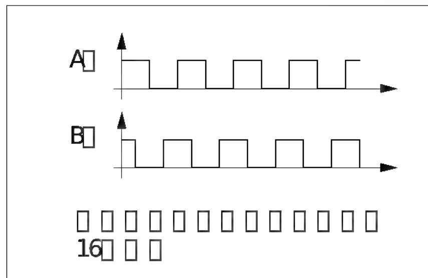
[illegible] (.3.3. reserved 2) to (.3.7. reserved 6)

[illegible]

.3.8.

[illegible] (.3.8. gearconstant)

[illegible]



[illegible] 16[illegible]

$$[illegible] = \frac{Enc\ x4\ xi}{s}$$

Enc =[illegible] (Encoder)
i =[illegible]
s =[illegible] (mm)

[illegible]:

[illegible] 3 [illegible] 10 [illegible] .1.3. [illegible]

[illegible]:

[illegible] 3 [illegible] 11 [illegible] 12 [illegible] .1.3. [illegible] .3.8. [illegible]

[illegible]	[illegible]
VS 35.6	25.0
VS 50..	16.4
VS 60..	30.7

[illegible] 3 [illegible] 11 [illegible] 12 [illegible]

6.3 □□□□□□□□
RK□4003-0004U_ZB

No.	□□	□□□□□	Min.	Max.	□□	□□
..0.	□□□□	XX	01	0F	hex	□□□□□□□ □□□□□□□
..1.	□□□□□□	XX	00	07	hex	□□□□□□□□□ □□□□□□□
..2.	□□□□□□	0	0	2	-	□□□□ 1 = □□□□□□ 2 = □□□□□□□
..3.	□□□□□□□□	0	0	199	-	□□□□□□ 1 = □□□□□□□□ 2 = □□□□□□□□□ 10 = AG□□□□□□□□□ (□□□□ x.5) 11 = □□□□□□□□□□□□□□□□□(□□□□ x.6, x.7, x.8, x.9) 12 = AG□□□□□□□□□□□□□□ (□□□□ x.5) 13 = DC□□□□□□□□□□□□□□□□□□ 42 = □□□□□□□□□□□□ 44 = □□□□□□□□□□□□□□□□□□□□ 99 = □□□□□□□□□ !□□ !
..4.	□□□□□□□□□	1.1	1.1	1.1	-	□□□□□□□□□□□□
..5.	□□□□□□□	0.0	-3250.0	3250.0	mm	□□□□□□□□ □□□□□□ (□□□□□□)
..6.	□□□□ +/-	2.0	-3250.0	3250.0	mm	□□□□□□□□ □□□□□□□□□□□DC□□□□□□□□□□□□□□□ □□□□□9□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□! □□□□□□□□□□□□□□□□□!
..7.	□□□□□□	20	1	120	mm/s	□□□□□□□□□□□□
..8.	□□□□□□	5	1	120	mm/s	□□□□□□□□□□□□
..9.	□□□□ +/-	0	0	32500	mm	□□□□□□
.10.	□□□□□□□	0.1	0.1	10	mm	□□□□□□□ □□□□□□□ ..5.
.11.	□□□□□	0.4	0.0	6.4	A	□□□□□□□□□□□□□□□□□□
.12.	□□□□□□□	0	0	1	-	□□□□□□□□ 0 = □□ 1 = □□
.13.	□□□□ +/-	12	1	32500	mm	□□□□□□□□□□□□□□□□□□□
.14.	□□□□□□□□	0	0	1	-	□□□□□□□□□□ RE 1721□□□□□□□□□□ 0 = □□ 1 = □□
.15.	□□□□□□ □□□	0	0	5	-	□□□□□ 0 = □□□□□□ 1 = □□□□□□ 2 = □□□□□□□□□□□□ 3 = □□□□□□□□□□□ 4 = □□□□□□□□□□□□□□□□ 5 = □□□□□□□□□□□□□□□□
.16.	□□□□□□□	0.0	-3250.0	3250.0	mm	□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□
.17.	□□□□ 1	0	0	0	-	□□□□

No.			Min.	Max.		
.1.8.		0	0	500	mm	
.1.9.		20	2	700	s	time-dependent = / path-dependent = /
.2.0.		50	10	90	-	90 = 10 =
.2.1.	0	00	00	7F	hex	0
.2.2.	1	00	00	7F	hex	1
.2.3.	2	00	00	7F	hex	2
.2.4.	3	00	00	7F	hex	3
.2.5.	4	00	00	7F	hex	4
.2.6.	5	00	00	7F	hex	5
.2.7.	6	00	00	7F	hex	6
.2.8.	7	00	00	7F	hex	7
.2.9.	_P	11	0	50	-	P- 20 W = 11 50 W/100 W = 22
.3.0.	_I	6	0	50	-	I- 20 Wmotor = 6 50 W/100 Wmotor = 12
.3.1.	_D	12	0	50	-	D- 20 W =12 50 W/100 W = 24
.3.2.	/t/ /	2	0	7	-	**Time-dependent** 0 = DO 0100/ 0101 DO 0020/0021 ON/OFF 1 = DR DO 1000/1001 DO 0100/ 0101 DO 0020/0021 ON/OFF 2 = OFF 3 = ON **Path-dependent** 4 = DO 0100/ 0101 DO 0020/0021 ON/OFF 5 = DR DO 1000/1001 DO 0100/ 0101 DO 0020/0021 ON/OFF 6 = OFF 7 = ON
.3.3.		0	0	0	hex	/ DR
.3.4.	±	1,0	0,5	50,0	mm	

No.	□□	□□□□□	Min.	Max.	□□	□□
.3.5.	□□□□ 4	0	0	0	-	□□□□
.3.6.	□□□□ 5	0	0	0	-	□□□□
.3.7.	enable AG-Photo	0	0	1	-	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
.3.8.	□□□□	25,0	10,0	3200,0	Imp/mm	□□□□: □□□□□□□□□□□□□□□□□□□□□□□□: □ =(32* i) / S. i =□□□ (□ i=8:1) S =□□□□□

6.4 □□□□□□□□□ RK 4003-0004U_ZB

.0.0. ....5.

.1.0. ..... .3.2.

.3.8.

□□□□□ ..0. □□ ..5.□□, ..8., .1.0. □□ .3.2. □□□ .3.8.

□□□□□0□□5□□□8□10□□32□□□38□□□□□□□□□□□□□□□□□□ RK 4003-0001U_ZH □□

..6.

□□□□ (..6. prop range +/-)

□□ ..7.□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□

□□□□□□2 mm□□□□□ 3.5 mm□□□□□□□□□□□25 mm□□□□□□□□□□□□□□□□□□□□1.5 mm□□□□□□□□□□□□□□□□□□2 mm□□□□□□□□□□□18 mm□□□□□□□3.5 mm□□□□□□□□□□□10.0 mm□□□□□□

□□□□□□□□□□□□□:

□□ (G) = □□□□□ ..9. / □□□□□ ..6.

□□□□□ (SK) = □□□□□ * □□ (G)

□ 1:	□ 2:
G = 25/2 = 12.5□	G = 25/3.5 = 7.14
SK = 1.5 mm * 12.5	SK = 1.5 mm * 7.14
VK = 18.75 mm	**VK = 10.71 mm**

□□□:

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□□□□

..7. **□□□□□□** (..7. speed automatic)

□□□□□□□DC□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□

..9. **□□□□□□** (..9. pos. range +/-)

□□□□□□□DC□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□2 mm□□□□□□□□□□
□□□□□□.1.3.□□□DC□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
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15□□□□□□□□□15 mm□□□□□□30 mm□□□□□□□

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.3.3.

[illegible] (.3.3. SourcePos adress)

[illegible] X.5 [illegible]

[illegible]

S-Ist

ΔS

S-Soll

.3.4.

[illegible] (.3.4. pos prop range[illegible])

[illegible] 34"pos prop range +/-“ [illegible]

[illegible]:

1 mm[illegible] 6[illegible] 9[illegible] 15 mm[illegible] DC[illegible] 10 mm[illegible] 10 mm[illegible] 5 mm[illegible] 5 mm[illegible] 15 mm[illegible] 0[illegible] 0[illegible]

[illegible] DC[illegible] .3.4.[illegible]

[illegible] (parameter 7)

[illegible] (parameter 34, value 5)

.3.5. .3.6.

[illegible] (.3.5. reserved 4) (.3.6. reseverd 5)

[illegible]

.3.7. [illegible] (.3.7. enable AG-Photo)

[illegible] 37 [illegible] “enable AG-photo“ [illegible] DC [illegible]

> [illegible] CL 80xx [illegible] "enable photo" [illegible] off [illegible]

[illegible]:

[illegible]

6.5 □□□□□□□□
RK 4003-0005U_ZC

No.	□□	□□□□□	Min.	Max.	□□	□□
..0.	□□□□	XX	01	0F	hex	□□□□□□□ □□□□□□□
..1.	□□□□□□	XX	00	07	hex	□□□□□□□□□ □□□□□□□
..2.	□□□□□□	0	0	2	-	□□□□ 1 = □□□□□□ 2 = □□□□□□□
..3.	□□□□□□□□	0	0	199	-	□□□□□□ 1 = □□□□□□□□ 2 = □□□□□□□□□ 42 = □□□□□□□□□□□ 44 = □□□□□□□□□□ □□□□□□□□ 99 = □□□□□□□□□ ! □□ !
..4.	□□□□□□□□□□□	1.1	1.1	1.1	-	□□□□□□□□□□□
..5.	□□□□□□ 0 □□□□	00	00	7F	hex	□□□□□□□□□ 0 □□□□
..6.	□□□□□□ 1 □□□□	00	00	7F	hex	□□□□□□□□□ 1 □□□□
..7.	□□□□□□ 2 □□□□	00	00	7F	hex	□□□□□□□□□ 2 □□□□
..8.	□□□□□□ 3 □□□□	00	00	7F	hex	□□□□□□□□□ 3 □□□□
..9.	□□□□□□ 4 □□□□	00	00	7F	hex	□□□□□□□□□ 4 □□□□
.1.0.	□□□□□□ 5 □□□□	00	00	7F	hex	□□□□□□□□□ 5 □□□□
.1.1.	□□□□□□ 6 □□□□	00	00	7F	hex	□□□□□□□□□ 6 □□□□
.1.2.	□□□□□□ 7 □□□□	00	00	7F	hex	□□□□□□□□□ 7 □□□□
.1.3.	□□□□□□□	0.0	-3250.0	3250.0	mm	□□□□□□□□
.1.4.	□□□□□□□	0.1	0.0	10	mm	□□□□□□□ □□□□□□□ .1.3.
.1.5.	□□□□□□	0,1	0	3000,0	mm	□□□□□□□□□□□□□ (parameters .1.6. to .1.8.)
.1.6.	stop->pulse tr.±	2,0	0	3000,0	mm	□□□□□□□□□□□□□□□
.1.7.	pulse->slow tr.±	0,1	0	3000,0	mm	□□□□□□□□□□□□□
.1.8.	slow->fast tr.±	0,1	0	3000,0	mm	□□□□□□□□□□
.1.9.	ON time (pulse)	1,0	0,1	10,0	s	□□□□□□□□□ (□□□□□)
.2.0.	OFF time (pulse)	1,0	0,1	10,0	s	□□□□□□□□□ (□□□□□)
.2.1.	manual speed fast	0	0	1	-	□□□□□□□□□□□□□□
.2.2.	□□ LK □□□□	00	00	7F	hex	□□□□□□□□LK 4002□□□□
.2.3.	□□□□□□ □□□	0	0	5	-	□□□□□ 0 = □□□□□□ 1 = □□□□□□

6.6 □□□□□□□□□
RK 4003-0005U_ZC

..0. ....4.

□□□□□ ..0. □□ ..4.

□□□□□0□□4□□□□□□□□□□□□□□□□□□□□□□□□□□ RK 4003-0001U_ZH □□□

..5. ..... .1.2.

□□□□□□□□□□ 1 □□ 8
(. .5. subsystem 0 adress - .1.2. subsystem 7 adress)

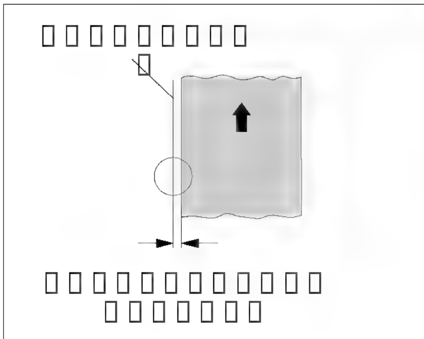
□□□□□□□□□ RK 40..□□□□□□□□□□□□□□□□8□□CAN□□5□□□□□□□□□□□□□□□□□□□□□□□□□ □ □□□□□5□□□□□□□2□□□□ □ □□□□□6□□□□□□□□□ □□

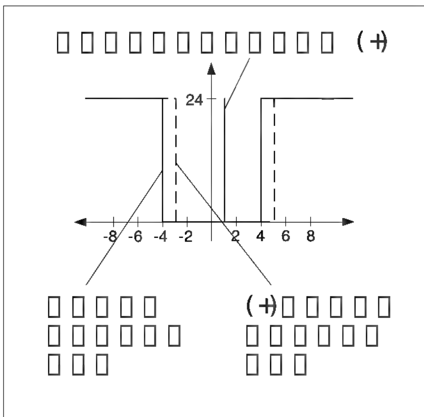
□:

□□□□□□□□:	A	9	F	C
□□□□□□□□:	0	0	3	7
□□□□□□□□	0.A	0.9	3.F	7.C

.1.3.

□□□□□□□□ (.1.3. auto offset)





□□.1.4.□□

> □□

□□□ − □□□□□□□□□□

.1.4.

□□□□□□□□□□□□□□ (.1.4. step width)

□□□□□□□□□□□□□□□1/10 mm□□□□□□□□□□

.1.5.

□□□□□□□□□ (.1.5. hysteresis)

□□□□□□□3□□3□□□□□□□□□□

> □□□□□□□□□□□□□□□□□□□□□□□□2□□□□□□□□□1□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□:
on/off □□□□ 0.4 mm

24

-0,8 -0,6 -0,4 -0,2 0,2 0,4 0,6 0,8

□□□□□□□□□ 0.1:
on □□□□ 0.4 mm
off □□□□ 0.3 mm

24

-0,8 -0,6 -0,4 -0,2 0,2 0,4 0,6 0,8

.1.6. .1.7. .1.8.

□□□□Switch thresholds□ (.1.6. stop->pulse tr. ±) (.1.7. pulse->slow tr. ±) (.1.8. slow->fast tr. ±)

3□□□□□□□□□□□□□□3□□□□□□□□□□□

S□□□ 1(.1.6.)	□□□□□	□□□□□
□□□ 2 (.1.7.)	□□□□	□□□□□
□□□ 3(.1.8.)	□□□□ (□□□□□□)	□□

□□□

> □□□□□□□□□□□□□□"0"□□□□□□□□□□□□□□□□□□□□□□□□□□

.1.9. .2.0.

□□□□□□□□□ (.1.9. ON time) **□□□□□□□□□** (.2.0. OFF time)

□□.1.9□□□□□□□□□□□□□□□ □□□□ □□□□□□.2.0□□□□□□□□

□□□□□□□□□□
Parameter .1.9.
24 V DC
t (s)
□□□□□□□□□□
Parameter .2.0.

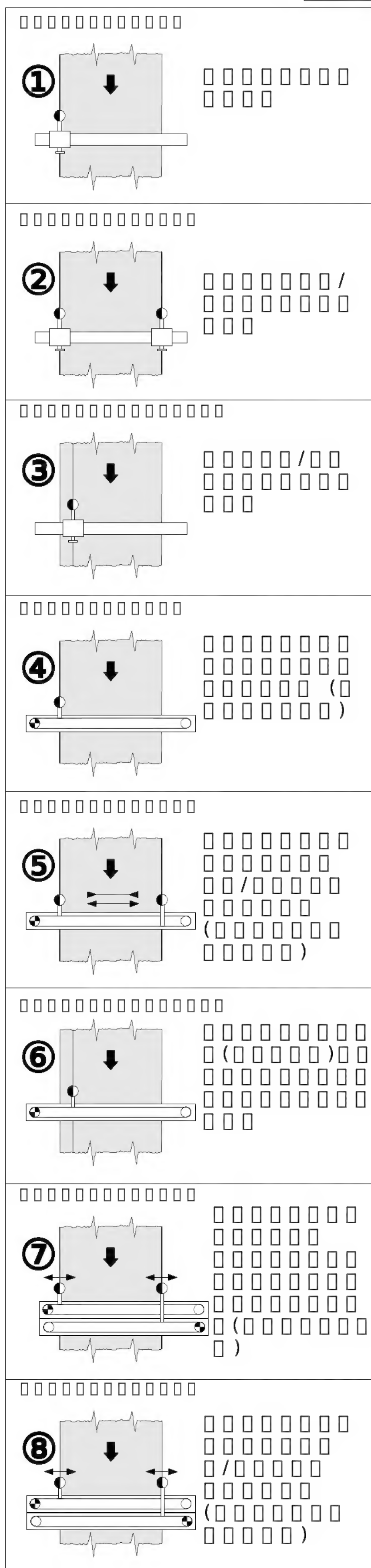


.2.1. □□□□3□□□□□□□□□□□□ (.2.1. manual speed fast)

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□□□□□"1"□□□□□□
□□□

.2.2. LK 4002□□□□□ (.2.2. output LK adress)

3□□□□□□□□□□□□□□□□□□□□□□□□□□□□
□□□LK 4002□□□□□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□□



.2.3.

□□□□□ (.2.3. control mode)

□□□□□□□□□□□□□□□□□□□□:

0 = "□□□□□□" (□□□□□□□)

□□□□□□□□□□□□□□□□□□□:

①, ②, ③, ④, ⑥ and ⑦

1 = "□□□□□□" (□□□□□□□□□□□□□□□□□□□□□)

□□□±75 %□□□□□

□□□□□□□□□□□□□□□□□□:

⑤ and ⑧

7. [illegible]

[illegible] [illegible] [illegible] ([illegible])	 24 V DC 20 - 30 V DC
[illegible] ([illegible])	 30 W - 100 W
[illegible]	±22 V (PWM) (PWM-[illegible])
[illegible]	IP 00
[illegible] (3[illegible])	
[illegible]	[illegible] 1.2 A
[illegible] ([illegible])	 [illegible] 3.0 A
[illegible]	[illegible] 5.0 A
CAN [illegible]	
CAN [illegible]	+ 5 V (potential-free)
CAN [illegible]	250 KBaud
[illegible] **[illegible] X 2.3 / X 2.4**	
Low "0"	0 to 3 V DC
High "I"	10 to 30 V DC
[illegible] DC [illegible]	 [illegible] ±64000 [illegible]
[illegible]	[illegible] 5 kHz
[illegible]	

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